

Part 1

1. The word "smart" can be created using five letters from the word
a. True
b. False
2. The digits 08232569 are the same as 96523208 read backwards.
a. True
b. False
3. If a tree branch can hold three people and John weighs twice as much as Adam, and Rachel weighs half as much as Adam, then Rachel, John and Adam can all sit together on the tree branch safely.
a. True
b. False
4. There are 7 letters between K and R in the alphabet.
a. True
b. False
5. The number 25 is the next logical number in the following sequence of numbers:
5, 7, 10, 14, 19.
a. True
b. False
6. The product of $8 \times 3 \times 3 \times 2$ is less than the product of 18×16 .
a. True
b. False
7. If you multiply any two of the following numbers together, your result will be odd:
9, 11, 3, 7, 17.
a. True
b. False
8. If the word SAW is written above the word COW and the word TOO is written above SAW, then the word TOW is formed diagonally.
a. True
b. False
9. If read backwards, the phrase "now live" answers the question:
"In the battle between good and evil, who was victorious?"
a. True
b. False
10. The following sentence includes all six vowels, appearing in reverse alphabetical order:
"Why run from fire ants?"

- a. True
- b. False

11. If all Boogles are Battuns, and some Battuns are Trandles, all Trandles must be Boogles.
 - a. True
 - b. False
12. Your starting and ending points will be just an inch apart if you draw a line seven inches left, three inches up, two inches right, four inches down and five inches right.
 - a. True
 - b. False
13. By removing two letters from the word "scout", a word that is the opposite of "in" can be formed.
 - a. True
 - b. False
14. By taking the second letter of each word from the following sentence, you can spell the word "thinking":
"At the time, interesting Ukrainians visited Andy's igloo."
 - a. True
 - b. False
15. Walter is taller than Scott, and Scott's little brother is taller than Roger. Since Walter is not the tallest one of the four, then Scott's little brother must be tallest.
 - a. True
 - b. False
16. Five horses, two people, three dogs and seven chickens have a total of fifty-two legs.
 - a. True
 - b. False
17. If "boffing" is understood to mean "shot" then the following sentence is correct:
"The young freshman from Kentucky took a desperate boffing, but he was unable to boffing over the star defender."
 - a. True
 - b. False
18. The sum of all numbers from 8 to 18 is an even number.
 - a. True
 - b. False

19. A group of 5 people must contain either 3 mutual friends or 3 mutual strangers.
- True
 - False
20. Fold your hands, starting with your left thumb over your right thumb. If you start counting your digits at your thumbs, your sixth digit will be your right hand's middle finger.
- True
 - False
21. The number 8336749476338 is the same number whether it is read forwards or backwards.
- True
 - False
22. Walter's grandmother's daughter could be Walter's son's grandmother.
- True
 - False
23. If the second day of the month is a Friday, then the twelfth day of the month is a Tuesday.
- True
 - False
24. By removing seven letters from the word "strengthen", the word "rent" can be formed.
- True
 - False
25. If you break a twenty dollar bill into fourteen dollars worth of quarters and the rest into dimes, you will have more quarters than dimes. (Dollar = 100 cents; quarter = 25 cents; dime = 10 cents)
- True
 - False
26. Using six toothpicks you can create four equilateral triangles (where each triangle's side is the length of a toothpick).
- True
 - False
27. If Borbs are better than Fribs, and Luns are worse than Jirts, Luns must be better than Fribs if Luns are better than Borbs.
- True
 - False
28. If the color red was created by combining blue and green, and the color yellow was created by combining red and purple, then blue could be created by combining yellow and orange.
- True

b. False

29. If the color red was created by combining blue and green, and the color yellow was created by combining red and purple, then blue could be created by combining yellow and orange.
- True
 - False
30. Which one of the following five is least like the other four?
- Cat
 - Lion
 - Dog
 - Turtle
 - Elephant
31. If you rearrange the letters "SARM", you would have the name of a
- River
 - Planet
 - City
 - Animal
 - Plant
32. Which one of the following five is least like the other four?
- Tommato
 - Lettuce
 - Onion
 - Grape
 - Carrot
33. Emily is four years old. Her big sister Amy is three times as old as Emily. How old will Amy be when she is twice as old as Emily?
- 14
 - 16
 - 18
 - 20
 - 22
34. What would be the next group of letters in this series?
aaaa ... bdzb ... cgac ... djzd ... ?
- enae
 - ekze
 - elxe
 - eize
 - emae
35. Niece is to nephew as brother is to:
- Sister
 - Daughter
 - Mother
 - Aunt
 - Cousin

36. Bowl is to cereal as envelope is to:
- Mailman
 - Stamp
 - Letter
 - Mailbox
 - Mailbag
37. What would be the next number in this series
2 ... 3 ... 5 ... 8 ... 12 ... 17 ... ?
- 22
 - 23
 - 24
 - 25
 - 26
38. WOLF is to FLOW as 8526 is to:
- 2856
 - 6258
 - 5862
 - 5682
 - 6852
39. Let's say that the following arguments are true:
1. Some gatekeepers are warriors.
 2. Some warriors are cowards.

Therefore, we can conclude that some gatekeepers must be cowards. Is this conclusion true or false?

- a. True
 - b. False
40. Hanger is to closet as tree is to:
- a. Branch
 - b. Bushes
 - c. Forest
 - d. Ground
 - e. Nest
41. What would be the next number in this series:
15 ... 12 ... 13 ... 10 ... 11 ... 8 ... ?
- a. 5
 - b. 6
 - c. 7
 - d. 8
 - e. 9
42. What would be the next number in this series:
144 ... 121 ... 100 ... 81 ... 64 ... ?
- a. 57
 - b. 49

- c. 42
- d. 36
- e. 28

43. Which one of the following five is least like the other four?

- a. Smile
- b. Grin
- c. Frown
- d. Touch
- e. Sneer

44. "Gina is faster than Jan, and Nora is slower than Gina". Which of the following statements would be most accurate?

- a. Nora is faster than Jan.
- b. Nora is slower than Jan.
- c. Nora is as fast as Jan.
- d. It is impossible to tell whether Jan or Nora is faster.

45. Which one of the following five is least like the other four?

- a. Juice
- b. Egg
- c. Steak
- d. Salad
- e. Cheese

46. DIDIIDID is to 49499494 as DIIDIIDD is to:

- a. 94494499
- b. 49949944
- c. 49499494
- d. 94944949
- e. 49944949

47. Let's say that the following arguments are true:

- 1. All Parkers are Franks.
- 2. All Franks are smart.

Therefore, we can conclude that all Parkers must be smart. Is this conclusion true or false?

- a. True
- b. False

48. If you rearrange the letters "NLIRBE" , you would have the name of a

- a. River
- b. Country
- c. City
- d. Animal
- e. Plant

49. Plant is to Seed as Human is to:

- a. Ovary
- b. Arm
- c. Kidney
- d. Uterus
- e. Embryo

50. Let's say that the following arguments are true:

- 1. Some criminals are millionaires.
- 2. All tycoons are millionaires.

Therefore, we can conclude that all Parkers must be smart. Is this conclusion true or false?

- a. True
- b. False

51. What would be the next letter in this series:

A ... C ... F ... J ... O ... ?

- a. R
- b. S
- c. T
- d. U
- e. V

52. One hundred businesspeople gather at a meeting. 85 of them carry a cellular phone, 80 of them have a beeper, 75 of them speak at least two languages and 70 of them wear a suit. Therefore, a certain number of them have all of the above: a cell phone AND a beeper AND speak at least two languages AND wear a suit. Out of these 100 businesspeople, what is the least possible number who have all of the above?

- a. 10
- b. 15
- c. 17
- d. 18
- e. 20

53. Joe lost his part-time job, which reduced the net family income by 20%. His wife Janice decided to work overtime to compensate for the lost income. Other things being equal, by what percentage must her net salary increase in order to arrive at the same net family income as they had before Joe lost his job?

- a. 20%
- b. 25%
- c. 30%
- d. 35%
- e. 40%

54. What would be the next number in this series:

2 ... 4 ... 8 ... 16 ... 32 ... ?

- a. 56
- b. 64

- c. 72
- d. 88
- e. 96

55. Which one of the following five is least like the other four?

- a. Cocacola
- b. Juice
- c. Water
- d. Cake
- e. Milk

56. Which one of the following five is least like the other four?

- a. Airplane
- b. Car
- c. Bus
- d. Train
- e. Steamboat

57. What would be the next number in this series:

3 ... 5 ... 10 ... 12 ... 24 ... 26 ... ?

- a. 48
- b. 50
- c. 52
- d. 54
- e. 56

58. Which one of the following five is least like the other four?

- a. Liberal
- b. Democrat
- c. Conservative
- d. Engineer
- e. Socialist

59. Grandma sent Johnny some money for his birthday. Johnny spent all of it in five stores. In each store, he spent \$1.00 more than half of what he had when he came in. How much money did he get from grandma?

- a. \$7.50
- b. \$25
- c. \$30
- d. \$46
- e. \$62

60. Which one of the following five is least like the other four?

- a. Think
- b. Speak
- c. Run
- d. Call
- e. Listen

61. Magellan was a famous:
- a. Traveler
 - b. Painter
 - c. Musician
 - d. Writer
 - e. Astronomer
62. Which one of the following five is least like the other four?
- a. Jakarta
 - b. Teheran
 - c. Madrid
 - d. Havana
 - e. Munich
63. What would be the next number in this series:
1 ... 2 ... 3 ... 5 ... 8 ... 13 ... 21 ... 34 ... ?
- a. 47
 - b. 53
 - c. 55
 - d. 62
 - e. 65
64. Your teenage daughter Sally and her friend Monica invented a secret alphabet. You find a note that Sally wrote for Monica using this secret code. Sally tells you that it says:
"Hi Monica,
Yesterday, ?????? asked me out. Sally"
- You desperately want to know who the guy is, but she won't tell you. Can you figure out his name from the note?
- "Ls Ucvskj,
Tbdfboqjt, Ujofsv jdmbq ub cxf. Djppt"
- a. Mathew
 - b. Marcus
 - c. Michel
 - d. Mickey
 - e. Martin
65. Julius Caesar
- a. died of natural causes.
 - b. was killed in a riding accident.
 - c. was killed in a battle.
 - d. committed suicide.
 - e. was murdered.

66. Light is to window as air is to:
- a. Wind
 - b. Suffocation
 - c. Breath
 - d. Filter
 - e. Atmosphere
67. A group of old ladies meet for an afternoon tea party. They bring all their cats. In all, there are 22 heads and 72 feet. How many old ladies and how many cats are in the room?
- a. 6 old ladies and 16 cats
 - b. 7 old ladies and 15 cats
 - c. 8 old ladies and 14 cats
 - d. 9 old ladies and 13 cats
 - e. 10 old ladies and 12 cats
68. If you rearrange the letters "ZILBRA", you would have the name of a
- a. River
 - b. Country
 - c. City
 - d. Animal
 - e. Plant
69. Let's say that the following arguments are true:
- a. All sales are cheats.
 - b. No cheats are bargains.
- Therefore, we can conclude that no bargains can be sales. Is this conclusion true or false?
- a. True
 - b. False
70. Napoleon lost his final battle at
- a. Moscow
 - b. Waterloo
 - c. Leipzig
 - d. Berlin
 - e. Paris
71. George took a test of a certain number of questions, each question having the same value. He answered 10 questions incorrectly. This resulted in an accuracy score of 60%. How many questions were in the test?
- a. 15
 - b. 20
 - c. 25
 - d. 30
 - e. 35

72. A car is to gas as Television is to:
- a. Counter top
 - b. Coffee
 - c. Electricity
 - d. Warming plate
 - e. Plastic
73. Peter is helping his gym teacher. The teacher asks him to bring 16 balls from the storage room. Peter can carry 3 balls at a time. How many trips to the storage room does Peter need to make?
- a. 4
 - b. 4.5
 - c. 5
 - d. 5.5
 - e. 6
74. Vacuum cleaner is to carpet as broom is to:
- a. Dust
 - b. Carpet
 - c. Table
 - d. Dust pan
 - e. Seat
75. Igor was both the 15th highest and the 15th lowest in a tennis tournament. How many people were in the tournament?
- a. 28
 - b. 29
 - c. 30
 - d. 31
 - e. 32
76. Table is to wood as hammer is to:
- a. wool
 - b. glass
 - c. water
 - d. air
 - e. metal
77. What would be the next number in this series:
32 ... 36 ... 9 ... 12 ... 4 ... 6 ... ?
- a. 2
 - b. 3
 - c. 4
 - d. 5
 - e. 7

78. What would be the next number in this series:

135 ... 45 ... 180 ... 60 ... 240 ... 80 ... ?

- a. 320
- b. 360
- c. 400
- d. 420
- e. 460

79. Which one of the following five is least like the other four?

- a. Oyster
- b. Fish
- c. Crab
- d. Snail
- e. Horse

80. Which one of the following five is least like the other four?

- a. Horse
- b. Zebra
- c. Deer
- d. Kangaroo
- e. Elephant

81. Simon rents a car in the city to go skiing in the mountains 100 kilometres away. He stops halfway to pick up his girlfriend Nina at her house, and drives the remaining 50 kilometers with her. On their way back, Simon drops Nina at her house and drives back to the city alone. He returns the car and pays \$50 for the rental and \$10 for the gas. Simon and Nina share the expenses equitably. How much should Nina pay?

- a. 10
- b. 15
- c. 20
- d. 25
- e. 30

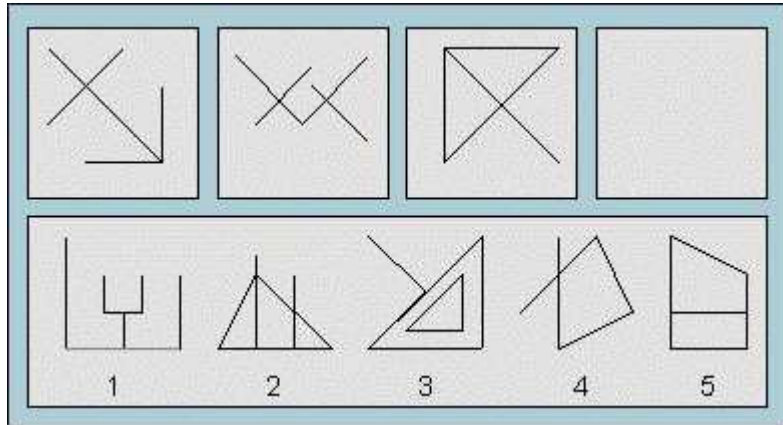
82. Choose the word that would go with this group.

FIRST - CANOPY - STUPID - LAUGHING - CRABCAKE

- a. CALMNESS
- b. SMART
- c. SHELTER
- d. EXERCISE
- e. COUNTER

83. Which figure in the bottom row should go in the empty square?

1 - 2 - 3 - 4 - 5



84. What letter comes next in this series?

O T T F F S S ____

85. What is the name of an item most families own that contains all 5 vowels?

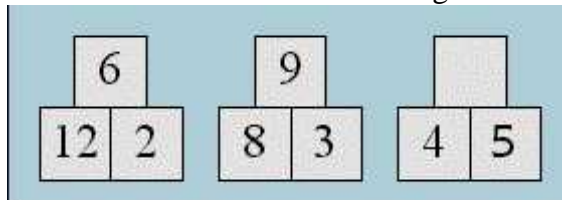
86. If 7 ballerinas dance for 8 hours and lose a total of 20 pounds, how many more ballerinas dancing would it take to lose a total of 20 pounds in only 4 hours if the new dancers lost weight only half as fast as the original 7 ?

- a. 07
- b. 21
- c. 27
- d. 14
- e. 12

87. What 3 letters come next in this series?

K W X Y J V U T I Q R S _ _ _

88. Choose the number that is missing in the following diagram.



- a. 9
- b. 10
- c. 11
- d. 12
- e. 47

89. Divide 110 into two parts so that one will be 150% of the other. What are the two numbers ?

90. If most grumpies are goons, some smilies are tall,
all tall goons are smilies, and the majority of grumpies are short,
the statement that some goons are short is...
a. True
b. False

91. Which of the following numbers does not fit the pattern of this series ?
64 - 54 - 42 - 31 - 20

92. What number goes at the end of this series ?
2 - 18 - 1 - 9 - 14 - 16 - 15 - 23 - 5 - ____

93. It takes 5 cooks 1 hour to cook dinner. If one of them is missing, how many minutes will it take the remaining 4 to prepare the same meal ?
a. 66
b. 75
c. 80
d. 72
e. 78

94. A man bought 2 rare baseball cards, but found himself short of cash so he sold them for \$600.00 each. He made a 20% profit on one but had a 20% loss on the other. Did he make or lose money on the deal, and how much ?

95. Unscramble the following words and choose the one that does not belong in the group.
a. amptrtaen
b. tompurce
c. nuwgolab
d. xplude
e. riltear

96. Which picture does not belong with this group ?

A - B - C - D - E



97. What 4 letter WORD can you put in the empty spaces that will make 2 new words using EITHER the beginning or ending letters(not both) ?

EXAMPLE: adding RACK to C _ _ _ _ ET makes CRACK and RACKET.

C _ _ _ _ O U S

98. Alice got a nice box of candy for her birthday, but couldn't decide which piece to eat first. She likes everything but jelly filled. According to the box, she has three different coatings (dark, white, or milk chocolate). The centers are either cream, fudge, caramel, or jelly, and all of those except the jelly come plain or with nuts. There are 3 and 1/2 dozen pieces. Assuming all possible combinations are included equally, what are the odds that Alice won't choose a jelly filled candy ?

- a. 7 to 1
- b. 9 to 1
- c. 6 to 1
- d. 9 to 2
- e. 14 to 3

99. Bernice has an easy way to price things in her fabric shop. Check the following

prices and, using the same system, determine the price of the last item.

Patterns \$2.00

Elastic \$3.00

Thread \$1.00

Zippers \$2.00

Pincushion ____?

100. William is married to Veronica

Frank is married to Edna

Hank is married to Gloria

If he follows the same pattern, is Sam married to Helen, Ruth, or Tammy ?

101. Which one of the five is least like the other four?

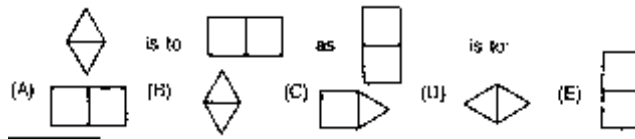
- a. BEAR
- b. SNAKE
- c. COW

- d. DOG
- e. TIGER

102. If you rearrange the letters "BARBIT", you would have the name of a:

- a. OCEAN
- b. COUNTRY
- c. STATE
- d. CITY
- e. ANIMAL

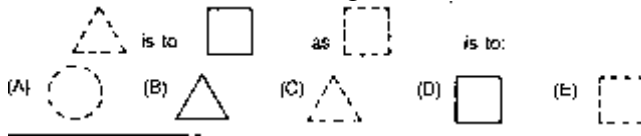
103. Which one of the five designs makes the best comparison?



104. Which one of the five is least like the other four?

- a. POTATO
- b. CORN
- c. APPLE
- d. CARROT
- e. BEAN

105. Which one of the five designs makes the best comparison?



106. John, twelve years old, is three times as old as his brother. How old will John be when he is twice as old as his brother?

- a. 15
- b. 16
- c. 18
- d. 20
- e. 21

107. Which one of the five makes the best comparison?

Brother is to sister as niece is to:

- a. MOTHER
- b. DAUGHTER
- c. AUNT
- d. UNCLE
- e. NEPHEW

108. Which one of the five designs is least like the other four?

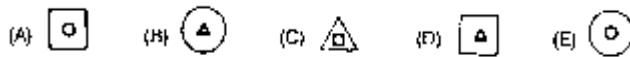
A Z F N E

109. Which one of the five makes the best comparison?

Milk is to glass as letter is to:

- a. STAMP
- b. PEN
- c. ENVELOPE
- d. BOOK
- e. MAIL

110. Which one of the five is least like the other four?



111. Which one of the five choices makes the best comparison?

LIVE is to EVIL as 5232 is to:

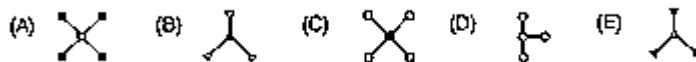
- a. 2523
- b. 3252
- c. 2325
- d. 3225
- e. 5223

112. "If some Smaugs are Thors and some Thors are Thrains, then some Smaugs are definitely Thrains."

This statement is:

- a. True
- b. False

113. Which one of the five designs is least like the other four?



114. Which one of the five makes the best comparison?

Tree is to ground as chimney is to:

- a. SMOKE
- b. BRICK
- c. SKY
- d. GARAGE
- e. HOUSE

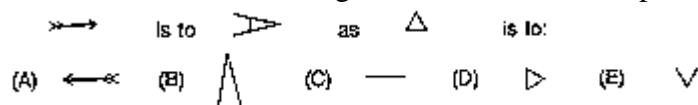
115. Which one of the numbers does not belong in the following series?

- a. 9
- b. 7
- c. 8
- d. 6
- e. 7
- f. 5
- g. 3

116. Which one of the four is least like the other four?

- a. TOUCH
- b. TASTE
- c. HEAR
- d. SMILE
- e. SEE

117. Which one of the five designs makes the best comparison?



118. Jack is taller than Peter, and Bill is shorter than Jack.

Which of the following statements would be most accurate?

- a. Bill is taller than Peter.
- b. Bill is shorter than Peter.
- c. Bill is as tall as Peter.
- d. It is impossible to tell whether Bill or Peter is taller.

119. Which one the five is least like the other four?

- a. STOCKING
- b. DRESS
- c. SHOE
- d. PURSE
- e. HAT

120. Which one of the five makes the best comparison?

CAACCAC is to 3113313 as CACAACAC is to:

- a. 13133131
- b. 13133313
- c. 31311131
- d. 31311313
- e. 31313113

121. If you rearrange the letters "RAPIS", you would have the name of a:

- a. OCEAN
- b. COUNTRY
- c. STATE
- d. CITY
- e. ANIMAL

122. Which one of the designs is least like the other four?



123. Which one of the five makes the best comparison?

Bullet is to gun as ball is to:

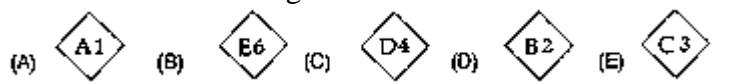
- a. BAT
- b. SLINGSHOT
- c. CANNON
- d. PITCHER
- e. CATAPULT

124. "If some Bifurs are Bofurs and all Gloins are Bofurs, then some Bifurs are definitely Gloins."

This statement is:

- a. True
- b. False

125. Which one of the designs is least like the other four?



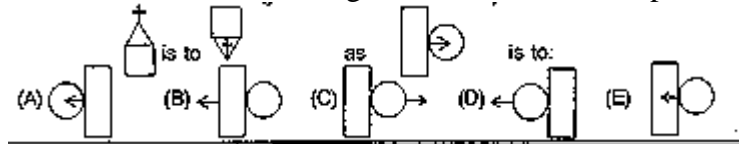
126. Which one of the letters does not belong in the following series:

A - D - G - I - J - M - P - S

The answer is:

- a. D
- b. I
- c. J
- d. M
- e. S

127. Which one of the five designs makes the best comparison?



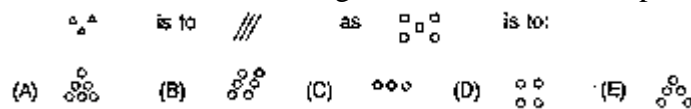
128. The price of an article was cut 20% for a sale. By what percent must the item be increased to again sell the article at the original price?

- a. 15%
- b. 20%
- c. 25%
- d. 30%
- e. 40%

129. Which one of the five is least like the other four?

- a. COPPER
- b. IRON
- c. BRASS
- d. TIN
- e. LEAD

130. Which one of the five designs makes the best comparison?



131. Which one of the five is least like the other four?

- a. BOTTLE
- b. CUP
- c. TUB
- d. FUNNEL
- e. BOWL

132. Mary had a number of cookies. After eating one, she gave half the remainder to her sister. After eating another cookie, she gave half of what was left to her brother. Mary now had only five cookies left. How many cookies did she start with?

- a. 11
- b. 22
- c. 23
- d. 45
- e. 46

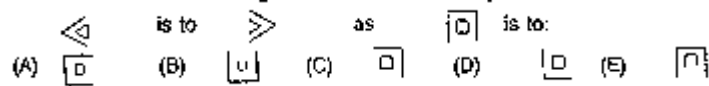
133. Which one of the five is least like the other four?

- a. WHEAT
- b. HAY
- c. BARLEY
- d. OATS
- e. RICE

134. Which one of the numbers does not belong in the following series?

- a. THREE
- b. SEVEN
- c. EIGHT
- d. FIFTEEN
- e. THIRTY

135. Which one of the five designs makes the best comparison?



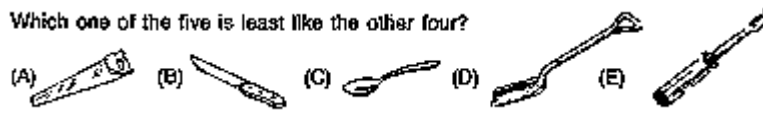
136. "A spaceship received three messages in a strange language from a distant planet. The astronauts studied these messages and found that "Elros Aldarion Elendil" means "Danger Rocket Explosion" and "Edain Mnyatur Elros" means "Danger spaceship Fire" and "Aldarion Gimilzor Gondor" means "Bad Gas Explosion".

What does "Elendil" mean?

- a. DANGER
- b. EXPLOSION
- c. NOTHING
- d. ROCKET
- e. GAS

137. Which one of the five is least like the other four?

Which one of the five is least like the other four?



138. Which one of the five makes the best comparison?

Belt is to buckle as shoe is to:

- a. SOCK
- b. TOE
- c. FOOT
- d. LACE
- e. SOLE

139. Which one of the five designs is least like the other four?



140. John received \$.41 change from a purchase in the drugstore.

If he received six coins, three of the coins had to be:

- a. PENNIES
- b. NICKLES
- c. DIMES
- d. QUARTERS
- e. HALF

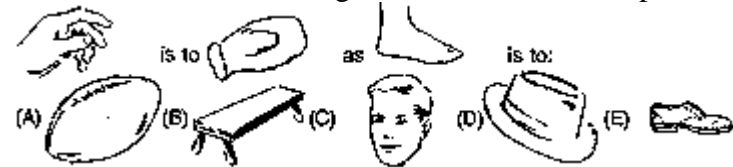
141. Which one of the five designs is least like the other four?



142. If you rearrange the letters "MANGERY", you would have the name of a:

- a. OCEAN
- b. COUNTRY
- c. STATE
- d. CITY
- e. ANIMAL

143. Which one of the five designs makes the best comparison?



144. "If all Wargs are Twerps and no Twerps are Gollums, then no Gollums are definitely Wargs."

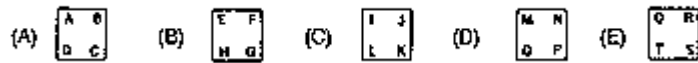
This statement is:

- a. True
- b. False

145. Which one of the five is least like the other four?

- a. HORSE
- b. KANGAROO
- c. ZEBRA
- d. DEER
- e. DONKEY

146. Which one of the designs does not belong in the following series?



147. Which one of the five makes the best comparison?

Finger is to hand as leaf is to:

- a. TREE
- b. BRANCH
- c. BLOSSOM
- d. TWIG
- e. BARK

148. "John's mother sent him to the store to get 9 large cans of peaches. John could only carry 2 cans at a time. How many trips to the store did John have to make?

- a. 4
- b. 4.5
- c. 5
- d. 0.5
- e. 6

149. Which one of the five designs is least like the other four?



150. Which one of the five make the best comparison?

Foot is to knee as hand is to:

- a. FINGER
- b. ELBOW
- c. TOE
- d. LEG
- e. ARM

151. Which one of the five designs is least like the other four?



152. Mary was both 13th highest and 13th lowest in a spelling contest. How many people were in the contest?

- a. 13
- b. 25
- c. 26
- d. 27
- e. 28

153. Which one of the five makes the best comparison?

Water is to ice as milk is to:

- a. HONEY
- b. CHEESE
- c. CEREAL
- d. COFFEE
- e. COOKIE

154. Which one of the numbers does not belong in the following series?

- a. 1
- b. 2
- c. 5
- d. 10
- e. 13
- f. 29
- g. 48

155. Which one of the five is least like the other four?

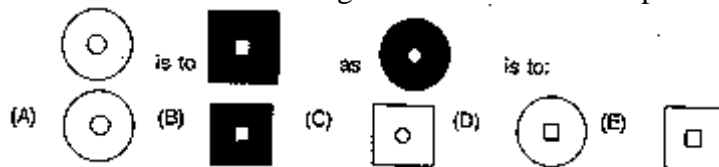
- a. HAM
- b. LIVER
- c. SALMON
- d. PORK
- e. BEEF

156. If all Fleeps are Sloops and all Sloops are Loopies, then all Fleeps are definitely Loopies."

This statement is:

- a. True
- b. False

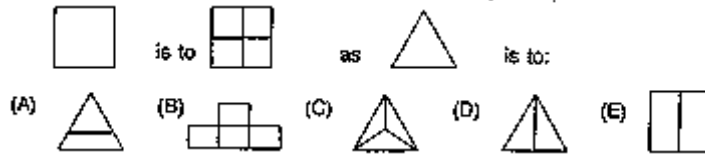
157. Which one of the five designs makes the best comparison?



158. Which one of the five is least like the other four?

- a. INCH
- b. MILE
- c. ACRE
- d. YARD
- e. FOOT

159. Which one of the five designs makes the best comparison?



160. "A fish has a head 9" long. The tail is equal to the size of the head plus one-half the size of the body. The body is the size of the head plus the tail."

How long is the fish?

- a. 27"
- b. 54"
- c. 63"
- d. 72"
- e. 81"

161. Two ducks and two dogs have a total of fourteen legs.

- a. True
- b. False

162. A pie can be cut into more than seven pieces by making only four diameter cuts through its center.

- a. True
- b. False

163. Two of the following numbers add up to thirteen:

1, 6, 3, 5, 11

- a. True
- b. False

164. The word "boat" can be spelled using four of the letters from the word "automobile".

- a. True
- b. False

165. If you write the numbers 1 through 25 in a row, any two numbers that are next to each other add up to a number that is odd.

- a. True
- b. False

166. 13 minutes past 5 O' clock, is 47 minutes before 6 O'clock.
a. True
b. False
167. The word "perfume" is spelled by using the first letters in the following sentence: "Pigs eat really filthy uncooked meat eagerly."
a. True
b. False
168. If you turn a left handed glove inside out it will fit on a right hand.
a. True
b. False
169. John has 15 dollars, but John can buy a \$30 bicycle if he borrows six dollars from Fred and eight dollars from Joe.
a. True
b. False
170. An upside down clock's minute hand points to the right when it is twelve forty five.
a. True
b. False
171. The following sentence makes sense if the word "Rootch" is understood to mean the same as the word "jump": While waiting to rootch, I watched the faces of the other rootchers in the airplane.
a. True
b. False
172. If you leave the letters in the same order, but rearrange the spaces in the phrase "The red olive", it can be read as "There do live."
a. True
b. False
173. Using exactly three colors of paint it is possible to color the sides of a cube in such a way that two sides having the same color never touch.
a. True
b. False

174. Jim weighs 150 pounds. Jack is 130 pounds. Joe is 200 pounds. Two of them standing together on the same scale could weigh 350 pounds.
- a. True
 - b. False
175. The second vowel that appears in this sentence is the letter "e".
- a. True
 - b. False
176. Seven chickens and two cats have a total of twenty two legs.
- a. True
 - b. False
177. If you have three quarters and a dime and a nickel and spend thirty three cents then this leaves you with fifty two cents.
- a. True
 - b. False
178. In the alphabet there are four letters between the letter "F" and the letter "K".
- a. True
 - b. False
179. If the word FOX is written under the word CAT and the word MAP is written under FOX, then the word COP is formed diagonally.
- a. True
 - b. False
180. One half of one and a half Feddan is eighteen Kirates.
- a. True
 - b. False
181. Five gloves and three shoes normally hold thirty five fingers and toes.
- a. True
 - b. False
182. The words "foot, stop, and white" can be respectively combined with the words "ball, light, and house".
- a. True
 - b. False

183. If Tuesday is the second day of the month, then the very next Sunday is the sixth day of the month.
- a. True
 - b. False
184. Two of the following numbers add up to the number 17:
11, 3, 2, 14, 5.
- a. True
 - b. False
185. Joe will be three blocks from his starting place, if he travels two blocks north, then three blocks east, and then two blocks south.
- a. True
 - b. False
186. The following words are the opposites of words that begin with the letter C:
open, hot, convex, expand, courage.
- a. True
 - b. False
187. The word "revolver" is spelled the same forwards or backwards.
- a. True
 - b. False
188. All the letters of the words "spoon feed" appear in reverse alphabetical order.
- a. True
 - b. False
189. The numbers: 6-4-9-3-0-2 are read backwards as 2-0-3-6-4-9.
- a. True
 - b. False
190. John's grandfather's daughter could be John's son's sister.
- a. True
 - b. False
191. Without breaking or bending a toothpick, you can spell the word "HUT" with exactly seven toothpicks.
- a. True
 - b. False

192. Without breaking or bending a toothpick, you can spell the word "HUT" with exactly seven toothpicks.
- a. True
 - b. False
193. A square that is ten inches on each side can always completely fit inside of a circle with a radius of ten inches.
- a. True
 - b. False
194. A hexagon can be cut into six identical triangles by drawing two straight lines.
- a. True
 - b. False
195. The number 62 is the next logical number in the following sequence of numbers: 2, 6, 14, 30.
- a. True
 - b. False
196. Bill is taller than John. Ralph is shorter than Bill. Therefore, John is the tallest.
- a. True
 - b. False
197. The sum of all the odd numbers from zero to 12 is also an odd number.
- a. True
 - b. False
198. If six people in a group all say hello to each other, then the word hello is spoken a total of 36 times.
- a. True
 - b. False
199. Three equally sized circles can be drawn in such a way that all of them overlap each other and create exactly seven distinct areas or compartments.
- a. True
 - b. False
200. Please enter the missing figure: 3, 5, 8, 13, 21, ...

201. Please enter the missing figure: 4, 5, 8, 17, ...
202. Please enter the missing figure: 3, 4, 8, 17, 33, ...
203. Please enter the missing figure: 11, 9, 7, 5, 3, ...
204. Please enter the missing figure: 3, 6, 18, 72, 360, ...
205. Please enter the missing figure: 30, 29, 27, 26, 24, 23, 21, 20, ...
206. Please enter the missing character: A, D, G, J, ...
207. Please enter the missing character: D, G, K, N, R, ...
208. Please enter the missing character: B, C, E, H, L, ...
209. Please insert the missing character to form two words: HUM ...ORK
210. Please insert the missing character to form two words: SLO...IDE
211. Please insert the missing character to form two words: VEL...ASER
212. Please mark the word not matching the other words (odd one out): Berlin, Paris, Dublin, Den Haag, Wien
213. Please mark the word not matching the other words (odd one out): Whale, Shark, Herring, Carp, Pike
214. Please mark the word not matching the other words (odd one out): Poe, Twain, London, Hemingway, Defoe
215. Which word is the opposite of AWAKE ?
- a. Dreaming
 - b. Resting
 - c. Asleep
 - d. Relaxed

e. Tired

216. Which word is least like the other four ?

- a. Tiny
- b. Small
- c. Large
- d. Little
- e. Miniature

217. Which word makes the best analogy?

HAND IS TO GLOVE as HEAD IS TO:

- a. Hair
- b. Hat
- c. Neck
- d. Earring
- e. Hairpin

218. Which word makes the best analogy?

MAN IS TO WOMAN as AUNT IS TO:

- a. Father
- b. Nephew
- c. Uncle
- d. Brother
- e. Niece

219. Which of these is least like the other four ?

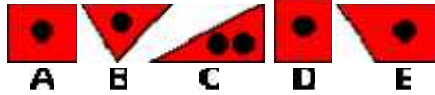
- a. Dog
- b. Tuna
- c. Horse
- d. Rabbit
- e. Cat

220. You are using a two quart bottle to carry water. How many trips to the faucet will be necessary to fill a nine quart bucket ?

- a. 4
- b. 4.5
- c. 5
- d. 5.5
- e. 6

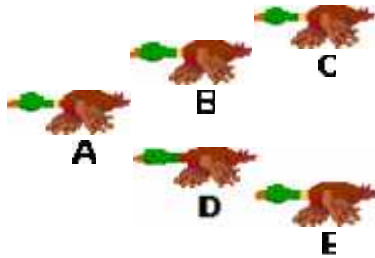
221. If all Nits are Clickers and all Clickers are Zonies, then all Nits are definitely Zonies.
THE ABOVE SENTENCE IS LOGICALLY:
a. True
b. False

222. Which of the five designs is least like the other four ?



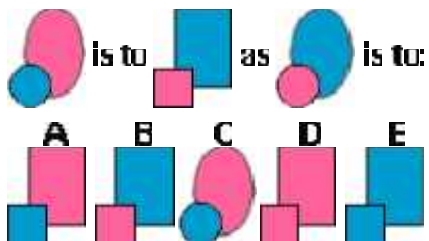
223. Which word makes the best analogy?
ADDRESS IS TO RESIDENCE as NUMBER IS TO:
a. Man
b. Telephone
c. Dial
d. Letter
e. Car

224. Which of the five ducks is least like the other four ?



225. Which one does not belong in this group ?
a. Cube
b. Rectangle
c. Hexagon
d. Triangle
e. Square

226. Which design makes the best analogy?



227. "If some Tuts are Tinkers and some Tinkers are Quods, then some Tuts are definitely Quods."
THE ABOVE SENTENCE IS LOGICALLY:
a. True
b. False

228. Which word makes the best analogy?
TRAIN IS TO LENGTH as TOWER IS TO:
a. Color
b. Depth
c. Weight
d. Height
e. Width

229. Which of the five designs is least like the other four?



230. If you rearrange the letters "aber", what would you have the name of?
a. Automobile
b. Town
c. Vegetable
d. State
e. Animal

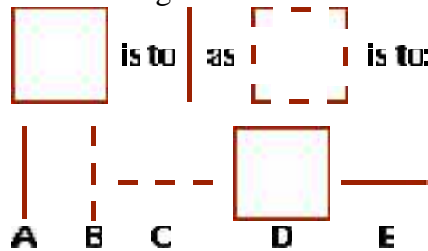
231. Which activity does not belong in this group?
a. Jump
b. Run
c. Jog
d. Read
e. Ski

232. "If some Dops are Zibbers and all Loopies are Zibbers, then some Dops are definitely Loopies."
THE ABOVE SENTENCE IS LOGICALLY:
a. True
b. False

233. Which number doesn't belong in the following numerical sequence?
2 4 6 8 9 10 12 14
a. Two
b. Eight
c. Twelve

- d. Fourteen
- e. Nine

234. Which design makes the best analogy?



235. Which object does not belong in this group?

- a. Satellite
- b. Sun
- c. Planet
- d. Comet
- e. Asteroid

236. If you rearrange the letters "faegrfi", what would you have the name of?

- a. Town
- b. State
- c. Animal
- d. Vegetable
- e. Mineral

237. Which word makes the best analogy?

A IS TO Z as START IS TO:

- a. Go
- b. Finish
- c. Begin
- d. Wait
- e. Quit

238. Tom is Mary's aunt's nephew. Which of the following statements is most likely NOT to be true?

- a. Tom is Mary's Father
- b. Tom is Mary's cousin
- c. Tom is Mary's half brother
- d. Tom is Mary's brother
- e. Tom is related by blood to Mary

239. Tom is both the 25th best and the 25th worst athlete on his team.
How many athletes are on his team?

- a. 25
- b. 26
- c. 49
- d. 51
- e. 50

240. You forget to wind your watch and it stops at 4 P.M. on Monday.
How many hours would it be off at 11 P.M. Tuesday?

- a. Seven
- b. Thirteen
- c. Nineteen
- d. Twenty-five
- e. Thirty-one

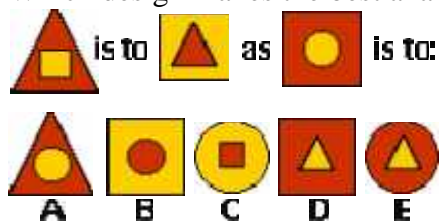
241. Which figure doesn't belong in this group?



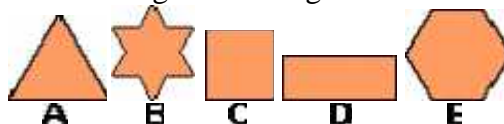
242. Which word makes the best analogy?
SWIM IS TO WALK as BOAT IS TO:

- a. Airplane
- b. Ship
- c. Jet
- d. Car
- e. Hovercraft

243. Which design makes the best analogy?



244. Which design is missing a feature the other four have?



245. Which word makes the best analogy?
 PITCH IS TO THROW as STEP IS TO:

- a. Touch
- b. Leg
- c. Fly
- d. Match
- e. Walk

246. Which design does not belong in this group?



247. Which number does not belong in the following sequence?

4 6 5 7 6 9

- a. Four
- b. Five
- c. Six
- d. Seven
- e. Nine

248. If you purchased an item for 64 cents and you received five coins in change from your one dollar bill, which kind of coin would you receive the most of? (Dollar=100 cents, Nickel=5 cents, Dime=10 cents, Quarter=25 cents, Cent=10 Pennies)

- a. Penny
- b. Nickel
- c. Dime
- d. Quarter
- e. Half-Dollar

249. "If all Raks are Mogs and no Mogs are Duppies, then no Duppies are definitely Raks."

THE ABOVE SENTENCE IS LOGICALLY:

- a. True
- b. False

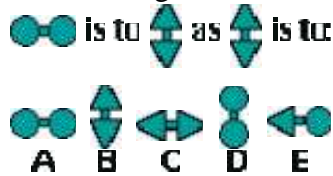
250. Which design does not belong in this group?



251. Which item does not belong in this group?

- a. Coat
- b. Watch
- c. Shirt
- d. Socks
- e. Dress

252. Which design makes the best analogy?



253. Which number doesn't belong in the following sequence?

11 13 15 17 19

- a. Eleven
- b. Thirteen
- c. Fifteen
- d. Seventeen
- e. Nineteen

254. In another language, "clup sonk wita" means "dead bad enemies" and "zorn gin clup" means "enemies hate people" and "fal wita nomi" means "see dead animals." What does "sonk" mean?

- a. Dead
- b. Bad
- c. Hate
- d. Nothing
- e. Enemy

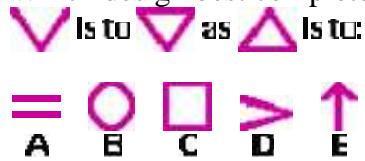
255. Which word is least like the other four?

- a. Cold
- b. Snow
- c. Mild
- d. Hot
- e. Warm

256. Which design is least like the other four?



257. Which design best completes the analogy?



258. Which word is least like the other four?

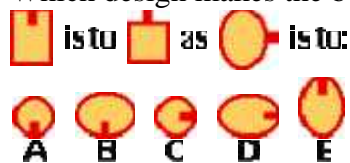
- a. Some
- b. None
- c. More
- d. Most
- e. Few

259. Which word makes the best analogy?

STEAM IS TO WATER as WATER IS TO:

- a. Cold
- b. Freeze
- c. Ice
- d. Melt
- e. Hot

260. Which design makes the best analogy?



261. Which of the five hearts does not belong in this group?



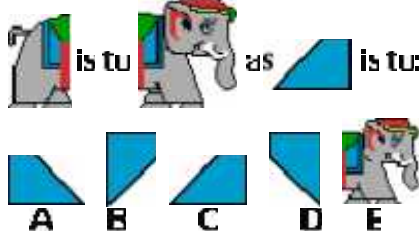
262. Which of the five is least like the other four?

- a. Car
- b. Bus
- c. Van
- d. Wagon
- e. Bicycle

263. If you rearrange the letters "giaccho", what would you have the name of?

- a. Animal
- b. Vegetable
- c. City
- d. Country
- e. Sea

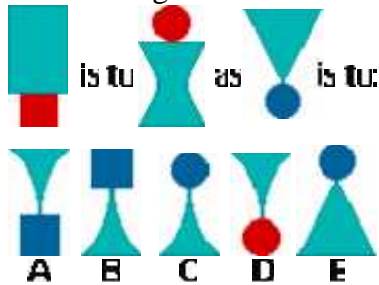
264. Which design makes the best analogy?



265. One third of the party guests are 5'9" or taller.
One half are taller than 5'5" but less than 5'9".
The remaining 20 guests are 5'5" or less.
How many guests came to the party?

- a. 12
- b. 24
- c. 48
- d. 96
- e. 120

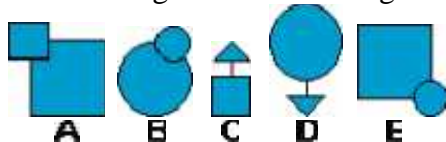
266. Which design makes the best analogy?



267. Which one is least like the others?



268. Which design does not belong in this group?



269.

270. Which number doesn't belong in the following sequence?
1 4 9 15 16
a. One
b. Four
c. Nine
d. Fifteen
e. Sixteen
271. In a race from point X to point Y and return, John averages 24 miles per hour to point Y and 16 miles per hour back to point X. Tom averages 20 miles per hour in both directions. Between John and Tom, who finished first?
a. John
b. Tom
c. They tie
d. Neither
e. Impossible to tell
272. Which number makes the best analogy?
5 IS TO 36 as 3 IS TO:
a. 10
b. 20
c. 41
d. 52
e. 61
273. A health club has 600 members.
80% of them are males. 70% of the members use the swimming pool.
60% of the members use the tennis courts.
What is the minimum possible percentage of the total members who use the tennis courts and are also male swimmers?
a. 0%
b. 5%
c. 10%
d. 20%
e. 60%
274. Which word completes the best analogy?
FATHER IS TO GRANDFATHER as GOVERNOR IS TO:
a. Judge
b. Representative
c. President
d. Cabinet
e. Senator

275. 30 years ago it would take a worker five hours to make a chair. Today it would take him just 30 minutes.
- a. Man has become more industrious.
 - b. People work faster in order to avoid unemployment.
 - c. Chairs have a shorter life cycle.
 - d. Workers have more spare time.
 - e. Productivity has increased.
276. Drinking and Driving causes many accidents.
- a. People drink too much alcohol.
 - b. People should not drive when over the legal limit.
 - c. There is a 20 per cent chance of causing an accident by drunken driving.
 - d. Alcohol diminishes driving skills.
 - e. The police should carry out more breathanalysing tests.
- 276.
277. Today is Wednesday. What will the fourth day from yesterday be?
278. The day before the day before yesterday is three days after Saturday. What day is today?
279. Which lamp is the brightest?
- Lamp A is less bright than Lamp B
 - Lamp B is brighter than Lamp C
 - Lamp C is as bright as Lamp D
 - Lamp B is brighter than Lamp D
 - Lamp D is brighter than Lamp A
280. Who is the smallest?
- Oliver is as tall as Otto
 - Bert is smaller than Ben
 - Ben is taller than Otto
 - Oliver is smaller than Bert
281. A trader buys tea for \$1200 and sells it for \$1500. Per sack of tea he makes a profit of \$50. How many sacks of tea did he have?
282. 87 kg of potatoes are distributed in two boxes. One box weighs 11 kg less than the other one. How many kilos does the lighter box contain?

283. What is the result of multiplying all figures from 0 to 25?
284. Man has no choice but to seek truth, he is made comfortable and frustrated without truth-- thus the quest for truth is part of what makes us _____ ?
- a. noble
 - b. different
 - c. human
 - d. intelligent
 - e. aggressive
285. If m is an even integer, then the following is the sum of the next two even integers ?
- a. $2m + 4$
 - b. $2m + 6$
 - c. $2m + 8$
 - d. $2m + 10$
 - e. $2m + 12$
286. Car X traveled from A to B in 30 minutes. The first half of the trip was covered at 50 mph, and the second half at 60 mph. What was the average speed ?
- a. $200/11$
 - b. $400/11$
 - c. $500/11$
 - d. $600/11$
 - e. $700/11$
287. If x is an integer, then which of the following is the product of the next two integers greater than $2(x + 1)$?
- a. $4x^2 + 14x + 12$
 - b. $4x^2 + 12$
 - c. $x^2 + 14x + 12$
 - d. $x^2 + x + 12$
 - e. $4x^2 + 14x$
288. If 4 percent of $(p + q)$ is 8 and p is a positive integer, what is the greatest possible value of q ?
- a. 196
 - b. 197
 - c. 198
 - d. 199
 - e. 200

289. A jet uses 80 gallons of fuel to fly 320 miles. At this rate, how many gallons of fuel are needed for a 700 mile flight ?
- a. 150
 - b. 155
 - c. 160
 - d. 175
 - e. 270
290. The sum of two digits of a two digit number is 12 and the ten's digit is one-third the unit's digit. What is the number ?
- a. 39
 - b. 54
 - c. 48
 - d. 39
 - e. 31
291. What is the next number in the following sequence 1 2 3 5 8 13 ?
- a. 15
 - b. 17
 - c. 18
 - d. 19
 - e. 21
292. Six items-H, I, J, K, L, and M-are being packed in a cylindrical carton. The order in which the items are placed in the carton must conform to the following rules; **Both items M and L must be placed in the carton before item H. Item I must be placed in the carton after items H and K. Item K cannot be placed in the carton next to item J. Any red item must be placed in the carton before any non-red item, provided that none of the preceding rules are violated.** If H and L are the only red items, then the items can be placed in the carton in which of the following sequences ?
- a. L, H, M, K, I, J
 - b. L, M, K, H, I, J
 - c. L, M, H, K, I, J
 - d. L, M, H, J, I, K
 - e. L, J, M, H, K, I
293. A cupboard has five shelves numbered 1 through 5, from bottom to top; each shelf has two compartments. There are eight items-A, B, C, D, E, F, G, H-in the cupboard, no two of which are in the same compartment. **Items D and E are on the same shelf. B is on the shelf directly below G. If a shelf contains only one item, it cannot be directly above or directly below another shelf that contains only one item. C is the only item on one of the shelves. There is only one item on the fourth shelf.** Which one of the following is a complete and accurate list of the items anyone of which could be on the top shelf ?

- a. D
- b. D, E, G, C
- c. D, E, G, B
- d. D, E, G, C, F
- e. D, E, G, H, F, A

294. 1, 3, 5, 7, ?

- a. 7
- b. 8
- c. 14
- d. 13
- e. 9

295. 1, 2, 6, 21, 88, ?

- a. 486
- b. 354
- c. 5657
- d. 410
- e. 445

296. 81 : 9 9 : ?

- a. 5
- b. 19
- c. 3.3
- d. 3
- e. 9.9

297. 6 : 36 10 : ?

- a. 80
- b. 1000
- c. 566
- d. 100
- e. 10

298. 6 : 36 10 : ?

- a. 80
- b. 1000
- c. 566
- d. 100
- e. 10

299. $10 : 3.3334 \quad 36 :$

- a. 36
- b. 6
- c. 3
- d. 12
- e. 3.3334

300. 0, 3, 6, 9, 12, ?

- a. 16
- b. 18
- c. 9
- d. 12
- e. 15

301. In the following series, what comes next?

1, 2, 4, 8, ..

- a. 6
- b. 16
- c. 32
- d. 15

302. In the following series, what comes next?

1, 2, 4, 8, ..

- a. 6
- b. 16
- c. 32
- d. 15

303. In the following series, what comes next?

1, A, 9, I, 17, ..

- a. Q
- b. Z
- c. E
- d. U

304. In the following series, what comes next?

1, 8, 27, 64, ...

- a. 125
- b. 35
- c. 128
- d. 156

305. The sum of the whole numbers between 1 and 100 is:
- a. 101
 - b. 5050
 - c. 1000
 - d. 100
306. In the following series, which letter comes next?
A, C, E, G, ..
- a. I
 - b. K
 - c. M
 - d. H
307. Which does not belong?
apple, orange, car, grape
- a. grape
 - b. apple
 - c. orange
 - d. car
308. Fill in the blank in this series:
000, 001, ..., 011
- a. 111
 - b. 101
 - c. 010
 - d. 110
309. In km/s which is faster?
(in air)
- a. light
 - b. sound
 - c. Airoplane
310. If every day is a Sunday, and there is no work on Sundays:
- a. Everyone goes to church
 - b. no one works
 - c. Everyone works everyday
 - d. Tomorrow is Saturday
311. If $d=r*t$ then:
- a. $t=d-r$
 - b. $d=t\backslash r$
 - c. $r=d\backslash t$
 - d. $z=d(r\backslash t)$

312. what color is the sky at night?
- a. Blue
 - b. Gray
 - c. Yellow
 - d. Black
313. The color of the sky is caused by:
- a. the ocean
 - b. light waves
 - c. ocean waves
 - d. clouds
314. If a car takes 10 minutes to travel 60 km, at the same rate it would take ... to travel 1800 km.
- a. 300 hours
 - b. 4 hours
 - c. 50 minutes
 - d. 300 minutes
315. If everything were red, what color would a school bus be?
- a. red
 - b. white
 - c. yellow
 - d. green
316. 110% of 75 is:
- a. 81.3
 - b. 67.5
 - c. 185
 - d. 82.5
317. If all males are green, and all females are red then:
- a. All boys are pink
 - b. All girls are orange
 - c. All boys are green
 - d. All girls are green
318. If it takes 20 years for a tree to grown 1 meter (assume constant rate of growth). How long would it take for the tree to become 5 meters in height? *(starting from 0 meters)*
- a. 4 years
 - b. 100 meters

- c. 100 years
- d. 20 years

319. If all stars produce light, then the moon:

- a. produces light
- b. is a small star
- c. is not a star
- d. all of the above

320. Arrange the following words to form a sentence and indicate whether this sentence is true or false. *men, mortal, all, are*

- a. True
- b. False

321. If it takes 8.3 minutes for the light of the sun to reach the earth, and the speed of light is 300,000km/s. How far is it to the sun?

- a. 149400000 km
- b. 24900000 km
- c. 5 cubic cm
- d. 928328.56 MI

322. In the following series, which does not belong?

978, 3, 163, 2, 5

- a. 978
- b. 3
- c. 163
- d. 2
- e. 5

323. What is the next number? 2,4,8,16,___

- a. 24
- b. 32
- c. 20
- d. 34
- e. 30

324. What is the answer to the equation? $7*9*1*3$

- a. 181
- b. 179
- c. 185
- d. 187
- e. 189

325. What is 15% of 80?
- a. 10
 - b. 8
 - c. 12
 - d. 14
 - e. 16
326. What is the answer? $25 - 13 - (-47) + (-11)$
- a. 48
 - b. -48
 - c. -46
 - d. 46
 - e. 44
327. What does 'x' equal in this equation? $8x + 17 = 81$
- a. 8
 - b. 18
 - c. 12
 - d. 6
 - e. 16
328. If a circle is one, how many is an octagon?
- a. 2
 - b. 4
 - c. 6
 - d. 8
 - e. 12
329. Which of the following sentences given below means approximately the same as the proverb: "Don't count your chickens until they are hatched?"
- a. Some eggs have double yolks, so you can't really count eggs and chickens.
 - b. You can't walk around the henhouse to count the eggs because it will disturb the hens and they won't lay eggs.
 - c. It is not really sensible to rely on something that has not yet happened and may not ever happen.
 - d. Since eggs break so easily, you may not be accurate in your count of future chickens.
330. There are 1200 elephants in a herd. Some have pink and green stripes, some are all pink and some are all blue. One third are pure pink. Is it true that 400 elephants are definitely blue?
- a. True
 - b. False

331. Following the pattern shown in the number sequence below, what is the missing number?
1 8 27 ? 125 216
a. 36
b. 45
c. 46
d. 64
e. 99
332. Which vowel comes midway between J and T?
a. A
b. E
c. I
d. O
e. U
333. Pear is to apple as potato is to?
a. Banana
b. Radish
c. Strawberry
d. Peach
e. Lettuce
334. Which of the following is least like the others?
a. Poems
b. Novels
c. Paintings
d. Statues
e. Flowers
335. Which of these is the odd one out?
a. Cat
b. Dog
c. Horse
d. Rabbit
e. Bird
336. Continue the following number series with the group of numbers below which best continues the series?
1 10 3 9 5 8 7 7 9 6 ?
a. 115
b. 105
c. 104
d. 116

337. Which number comes next in this series of numbers?

2 3 5 7 11 13 ?

- a. 14
- b. 15
- c. 16
- d. 17
- e. 18

338. Which letter comes next in this series of letters?

B A C B D C E D F ?

- a. C
- b. D
- c. E
- d. F
- e. G

339. If you add 3 apples and 2 bananas, with 2 oranges and 3 bananas and 3 pears and one apple, then you have only 4 apples, 5 bananas, and 2 oranges.

- a. True
- b. False

340. The following argument is valid:

All humans are mortal.

Socrates is human.

So Socrates is mortal.

- a. True
- b. False

341. The next number in this series is 2

3968...63...8...3...

- a. True
- b. False

342. The next number in this series is 16

1...3...6...10...

- a. True
- b. False

343. Lisa is faster than Jane, and Nora is slower than Lisa. It is impossible to tell whether Nora is faster than Jane.

- a. True
- b. False

344. Jack owes \$64 to John. Jack has only \$28 but Bill gives him another \$28.
Therefore Jack can repay John.
a. True
b. False
345. A rancher is building a fence by stringing wire between posts 20 feet apart. If the fence is 100 feet long the rancher should use 5 posts.
a. True
b. False
346. If you hold up your right hand in the mirror your image will be holding up its right hand.
a. True
b. False
347. 17 minutes to 9 o'clock is the same as 8:43.
a. True
b. False
348. A group of old ladies meet for an afternoon tea party. They bring all their cats. In all there are 22 heads and 72 feet. This means that there are: 7 old ladies and 15 cats in the room.
a. True
b. False
349. Sam received \$0.41 change from a purchase. If he received 6 coins 3 of the coins had to be dimes.
Coins in circulation are: 1 ¢, 5 ¢, 10 ¢, 25 ¢
1 dime=10 ¢
a. True
b. False
350. If there are more inhabitants in Los Angeles than there are hairs on the head of any inhabitant, and if no inhabitant is totally bald, it necessarily follows that there must be at least two inhabitants with exactly the same number of hairs.
a. True
b. False
351. The price of a t-shirt was cut 20% for a sale. The price of the t-shirt should be increased by 25% if it is to be sold again at the original price.
a. True
b. False

352. Out of the following, E is least like the other designs.
A Z F N E
a. True
b. False
353. EVIAN is to NAIVE as 42312 is to 21324.
a. True
b. False
354. Lisa was both the 16th highest and 16th lowest in her mid term exam.
Therefore her class had 32 students.
a. True
b. False
355. Emile made some waffles. He ate one and gave half the remainder to his brother Robbie. After eating another one he was left with 2. This means that he made 8 waffles.
a. True
b. False
356. Ian is helping his gym teacher. The teacher asks him to go and bring 15 balls from the storage room. Ian can carry 3 balls at a time. He needs to make 5 trips to the storage room.
a. True
b. False
357. If you write down all the odd numbers from 1-15 in a row then the sum of any two numbers next to each other is odd.
a. True
b. False
358. Suppose you begin reading a book on page B and end on page E. If you read each page completely and the pages are numbered and read consecutively then you have read $(E - B) + 1$ pages.
a. True
b. False
359. Christina has 60 apples. Anna has 85 and Dana has 148. Together Christina and Anna have more apples than Dana. a. True
b. False

360. If you write the words DOS, TAM and MAN with DOS on top, TAM in the middle and MAN at the bottom then the names Dan and Sam can be formed diagonally.
- a. True
 - b. False
361. If you turn a right-handed glove inside out it will fit on a left hand.
- a. True
 - b. False
362. A sign pointing to the left will point to the right when rotated 180 degrees on a vertical axis about its center.
- a. True
 - b. False
363. There are 5 employees - A, B, C, D and E in the office. Rumors spread through the office according to the following rules: Rumors can be passed in any direction between D and E. Rumors can be passed from A to B from B to C and from C to E. A rumor began by B that reaches D would be known by everybody.
- a. True
 - b. False
364. There are six equally spaced beads on a circle. You need 30 straight lines to connect each bead with every other bead.
- a. True
 - b. False
365. The next number in this series is odd.
15...12...13...10...11...8...
- a. True
 - b. False
366. Sue walks one block west from her house. Then she walks two blocks south and then one block east. She is now 2 blocks from her house.
- a. True
 - b. False
367. Using exactly three colors it is possible to color the sides of a cube in such a way that two sides having the same color never touch.
- a. True

b. False

368. An octagon can be divided into 8 identical triangles by drawing 4 straight lines.

a. True

b. False

369. Three equally sized circles can be drawn in such a way that they overlap and create 8 separate compartments.

a. True

b. False

370. There are five employees--G, H, I, J, and K--in an office. Rumors spread through the office according to the following rules; Rumors can be passed in either direction between J and K. Rumors can be passed from G to H, from H to I, and from I to K. A rumor begun by H that reaches J will be known by all the following employees EXCEPT; ?

a. I

b. G

c. K

d. H

e. J

371. Select the answer-pair that expresses a relationship most similar to that expressed in the capitalized pair. ORCHESTRA ; MUSICIAN ?

a. story ; comedian

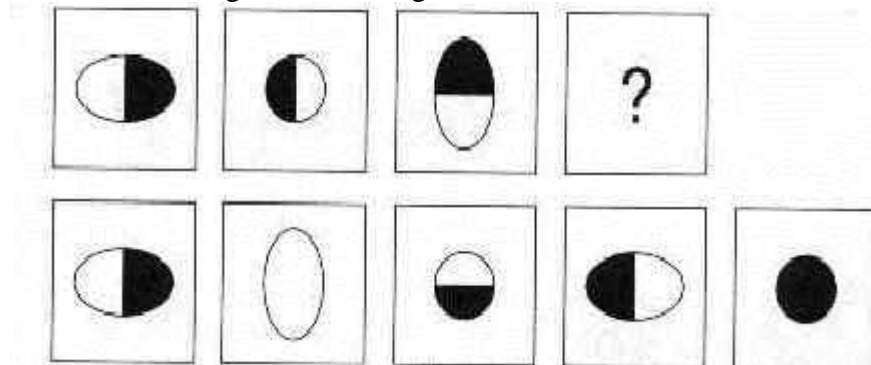
b. band ; singer

c. garden ; leaf

d. troupe ; actor

e. government ; lawyer

372. Please find the figure continuing the series:



373. Select the answer-pair that expresses a relationship most similar to that expressed in the capitalized pair. CLUB ; GOLF ?
- a. type ; book
 - b. ball ; soccer
 - c. glove ; baseball
 - d. racket ; tennis
 - e. board ; chess
374. If n is an odd integer, which one of the following is an even integer?
- a. $n \times n$
 - b. $n/4$
 - c. $2n + 3$
 - d. $n(n + 3)$
 - e. $n/3$
375. Four books are arranged on a book shelf. The positions of the books are numbered 1 through 4, from left to right. For the following pair of conditions, how many possible orderings are there? C sits to the right of B. B sits next to D only if B sits next to C?
- a. 4
 - b. 6
 - c. 8
 - d. 10
 - e. 12
376. If x is an integer, which of the following CANNOT be an even integer? ?
- a. $2x + 2$
 - b. $x - 5$
 - c. $2x$
 - d. $2x + 3$
 - e. $5x + 2$
377. In a secret code that uses only the letters A, B, C, and D, a word is formed by applying the following rules; A B C D is the base word. If C immediately follows B, then C can be moved to the front of the word. One letter of the same type can be added immediately after an A, a B, or a C. Which one of the following is not a code word? ?
- a. A B C D
 - b. D A B C
 - c. C A B D
 - d. A A B B C C D
 - e. C C C A B D

378. Suppose you begin reading a book on page h and end on page k . If you read each page completely and the pages are numbered and read consecutively, then how many pages have you read? ?
- a. $h + k$
 - b. $k - h$
 - c. $k - h + 2$
 - d. $k - h - 1$
 - e. $k - h + 1$
379. The digits of a three-digit number add up to 18. If the ten's digit is twice the hundred's digit and the hundred's digit is $\frac{1}{3}$ the unit's digit, what is the number? ?
- a. 246
 - b. 369
 - c. 531
 - d. 855
 - e. 893
380. Suppose half the people on a bus exit at each stop and no additional passengers board the bus. If on the third stop the next to last person exits the bus, then how many people were on the bus ?
- a. 20
 - b. 16
 - c. 8
 - d. 6
 - e. 4
381. In traveling from city A to city B, John drove for 1 hour at 50 mph and for 3 hours at 60 mph. What was his average speed for the whole trip ?
- a. 50
 - b. $53 \frac{1}{2}$
 - c. 55
 - d. 56
 - e. $57 \frac{1}{2}$
382. Seven years ago, Scott was 3 times as old as Kathy was at that time. If Scott is now 5 years older than Kathy, how old is Scott ?
- a. $12 \frac{1}{2}$
 - b. 13
 - c. $13 \frac{1}{2}$
 - d. 14
 - e. $14 \frac{1}{2}$

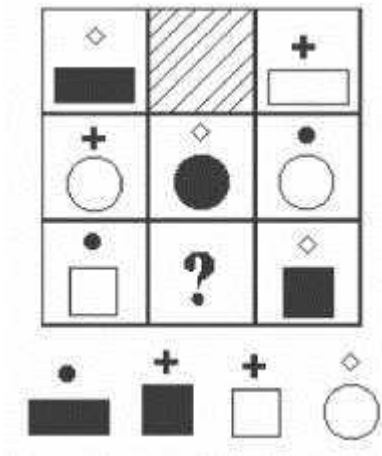
383. The seventh number in a sequence of numbers is 31 and each number after the first number in the sequence is 4 less than the number immediately preceding it. What is the fourth number in the sequence ?
- a. 15
 - b. 19
 - c. 35
 - d. 43
 - e. 51
384. A rancher is constructing a fence by stringing wire between posts 20 feet apart. If the fence is 400 feet long, how many posts must the rancher use ?
- a. 18
 - b. 19
 - c. 20
 - d. 21
 - e. 22
385. The language Q has the following properties - (1) ABC is the base word. (2) If C immediately follows B, then C can be moved to the front of the code word to generate another word. Which one of the following is a code word in language Q ?
- a. CAB
 - b. BCA
 - c. AAA
 - d. ABA
 - e. CCC
386. Because of winter storm damage, the cost of a pound of apples at the local supermarket has increased 40 percent while the cost of a pound of oranges has increased 20 percent. Therefore, apples are now more expensive than oranges. - The argument's reasoning is questionable because the argument fails to rule out the possibility that ?
- a. before the storm, apples had increased in price less than oranges
 - b. before the storm, apples had already been more expensive than oranges
 - c. before the storm, oranges were significantly more expensive than apples
 - d. apples will fall back to their normal price more quickly than oranges will
 - e. consumers will reduce their purchases of apples until the price falls to below that of oranges
387. Seven disks--G, H, L, O, P, S, U--are being inserted in a CD player. The order in which the disks are played is subject to the following restrictions - L must be played before both O and U. Exactly two disks must be played between G and P one of which must be L. H cannot be played first. - If L and O are played consecutively, which one of the following cannot be true
- a. S is played second
 - b. G is played second

- c. L is played third
- d. O is played forth
- e. H is played sixth

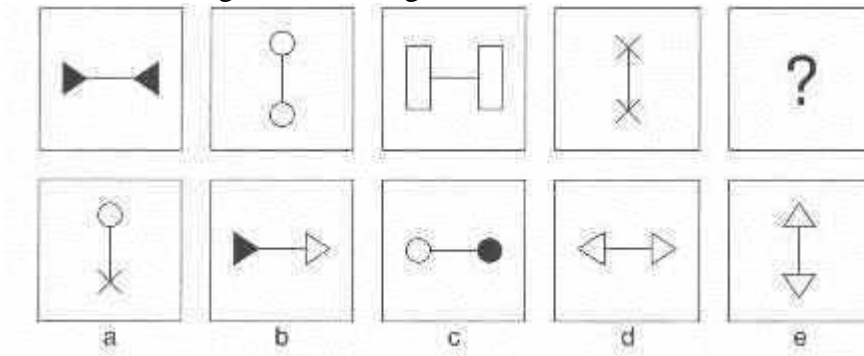
388. What is 64K really ?
- a. 64000
 - b. 64024
 - c. A Motorola processor
 - d. 65536
 - e. Bill Gates' daily income
389. The buyer of a particular car must choose 2 of 3 optional colors and 3 of 4 optional luxury features. In how many different ways can the buyer select the colors and luxury features ?
- a. 3
 - b. 6
 - c. 9
 - d. 12
 - e. 20
390. Speed bumps are being placed at 20 foot intervals along a road 1015 feet long. If the first speed bump is placed at one end of the road, how many speed bumps are needed ?
- a. 49
 - b. 50
 - c. 51
 - d. 52
 - e. 53
391. A school has a total enrollment of 90 students. There are 30 students taking physics, 25 taking English, and 13 taking both. What percentage of the students are taking either physics or English
- a. 30 percent
 - b. 36 percent
 - c. 47 percent
 - d. 51 percent
 - e. 58 percent
392. The first term of a sequence is 2. All subsequent terms are found by adding 3 to the immediately preceding term and then multiplying the sum by 2. Which of the following describes the terms of the sequence ?
- a. Each term is odd
 - b. Each term is even
 - c. The terms are - even, odd, even, odd, etc.
 - d. The terms are - even, odd, odd, odd, etc

- e. The terms are - even, odd, odd, even, odd, odd, etc
393. Steve bought some apples at a cost of \$.60 each and some oranges at a cost of \$.50 each. If he paid a total of \$4.10 for a total of 8 apples and oranges, how many apples did Steve buy ?
- 1
 - 2
 - 3
 - 5
 - 6
394. A town has a population growth rate of 10% per year. The population in 1990 was 2000. What was the population in 1992 ?
- 1600
 - 2200
 - 2400
 - 2420
 - 4000
395. No one will be admitted to Yale Graduate School unless he or she studies hard for the GRE. No one studied hard for the GRE unless he or she was not a graduate from Tri-State University. Which one of the following conclusions necessarily follows from the above statements ?
- No graduate of Tri-State University was admitted to Yale Graduate School
 - Some graduates of Tri-State University were admitted to Yale Graduate School
 - All graduates of Tri-State University studied hard for the GRE
 - Only graduates of Tri-State University did well on the GRE
 - Only college graduates did well on the GRE
396. Cathy is applying for a job as an executive secretary. She received a lettered grade A, B, C, D, and E (from highest to lowest) for her knowledge of six software programs - Excel, Word, HyperCard, FreeHand, Netscape, and Quark Express. Two grades are consecutive if and only if they are adjacent in the alphabet. Only E is a failing grade. Cathy's grade in Word is higher than her grade in Netscape, and these grades are consecutive. Her FreeHand and Quark grades are consecutive. Her grade in Excel is higher than her grade in HyperCard. If Cathy receives a lower grade in Excel than in Netscape, she will receive every lettered grade (A through E) if which one of the following is also true ?
- Her grade in FreeHand is lower than her grade in Quark Express
 - Her grade in Quark Express is lower than her grade in FreeHand
 - She receives an A in Word.
 - She receives an E in HyperCard
 - Her grade in FreeHand is lower than in HyperCard.

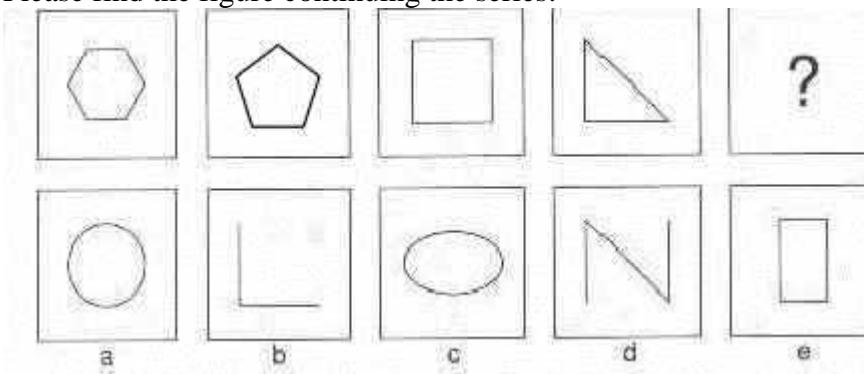
397. Please find the figure continuing the series:



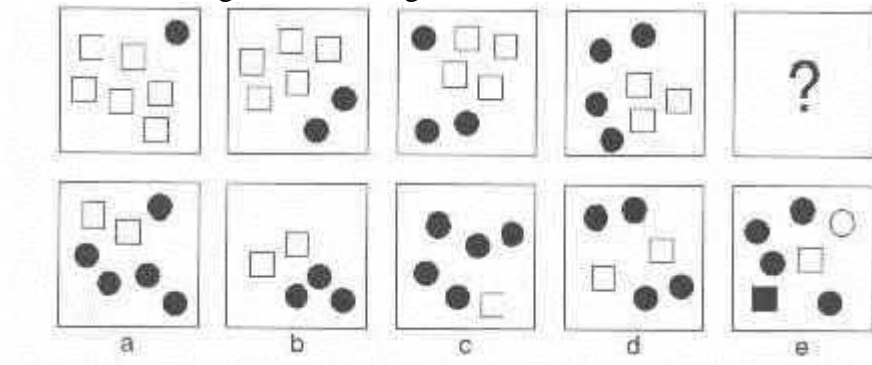
398. Please find the figure continuing the series:



399. Please find the figure continuing the series:



400. Please find the figure continuing the series:



Part 2

1. Which one of the five is least like the other four? Answers and explanations
BEAR - SNAKE - COW - DOG - TIGER
2. If you rearrange the letters "BARBIT", you would have the name of a:
OCEAN - COUNTRY - STATE - CITY - ANIMAL
3. Which one of the five is least like the other four?
POTATO - CORN - APPLE - CARROT - BEAN
4. John, twelve years old, is three times as old as his brother. How old will John be when he is twice as old as his brother?
15 - 16 - 18 - 20 - 21
5. Which one of the five makes the best comparison?
Brother is to sister as niece is to:
MOTHER - DAUGHTER - AUNT - UNCLE - NEPHEW
6. Which one of the five makes the best comparison?
Milk is to glass as letter is to:
STAMP - PEN - ENVELOPE - BOOK - MAIL
7. Which one of the five choices makes the best comparison?
LIVE is to EVIL as 5232 is to:
(A) 2523 (B) 3252 (C) 2325 (D) 3225 (E) 5223
8. "If some Smaugs are Thors and some Thors are Thrains, then some Smaugs are definitely Thrains."
This statement is: TRUE - FALSE - NEITHER
9. Which one of the five makes the best comparison?
Tree is to ground as chimney is to:
SMOKE - BRICK - SKY - GARAGE - HOUSE
10. Which one of the numbers does not belong in the following series?
9 - 7 - 8 - 6 - 7 - 5 - 6 - 3
11. Which one of the four is least like the other four?
TOUCH - TASTE - HEAR - SMILE - SEE
12. Jack is taller than Peter, and Bill is shorter than Jack.
Which of the following statements would be most accurate?

- (A) Bill is taller than Peter.
(B) Bill is shorter than Peter.
(C) Bill is as tall as Peter.
(D) It is impossible to tell whether Bill or Peter is taller.
13. Which one the five is least like the other four?
STOCKING - DRESS - SHOE - PURSE - HAT
14. Which one of the five makes the best comparison?
CAACCAC is to 3113313 as CACAACAC is to:
(A) 13133131 (B) 13133313 (C) 31311131 (D) 31311313 (E) 31313113
15. If you rearrange the letters "RAPIS", you would have the name of a:
OCEAN - COUNTRY - STATE - CITY - ANIMAL
16. Which one of the five makes the best comparison?
Bullet is to gun as ball is to:
BAT - SLINGSHOT - CANNON - PITCHER - CATAPULT
17. "If some Bifurs are Bofurs and all Gloins are Bofurs, then some Bifurs are definitely Gloins."
This statement is: TRUE - FALSE - NEITHER
18. Which one of the letters does not belong is the following series:
A - D - G - I - J - M - P - S
The answer is:
D - I - J - M - S
19. The price of an article was cut 20% for a sale. By what percent must the item be increased to again sell the article at the original price?
15% - 20% - 25% - 30% - 40%
20. Which one of the five is least like the other four?
COPPER - IRON - BRASS - TIN - LEAD
21. Which one of the five is least like the other four?
BOTTLE - CUP - TUB - FUNNEL - BOWL
22. Mary had a number of *****s. After eating one, she gave half the remainder to her sister. After eating another *****, she gave half of what was left to her brother. Mary now had only five *****s left. How many *****s did she start with?
11 - 22 - 23 - 45 - 46
23. Which one of the five is least like the other four?
WHEAT - HAY - BARLEY - OATS - RICE

24. Which one of the numbers does not belong in the following series?

2 - 3 - 6 - 7 - 8 - 14 - 15 - 30

THREE - SEVEN - EIGHT - FIFTEEN - THIRTY

25. "A spaceship received three messages in a strange language from a distant planet.

The astronauts studied these messages and found that "Elros Aldarion Elendil"

means "Danger Rocket Explosion" and "Edain Mnyatur Elros" means "Danger

spaceship Fire" and "Aldarion Gimilzor Gondor" means "Bad Gas Explosion".

What does "Elendil" mean?

DANGER - EXPLOSION - NOTHING - ROCKET - GAS

26. Which one of the five makes the best comparison?

Belt is to buckle as shoe is to:

SOCK - TOE - FOOT - LACE - SOLE

27. John received \$.41 change from a purchase in the drugstore.

If he received six coins, three of the coins had to be:

PENNIES - NICKLES - DIMES - QUARTERS - HALF-DOLLARS

28. If you rearrange the letters "MANGERY", you would have the name of a:

OCEAN - COUNTRY - STATE - CITY - ANIMAL

29. "If all Wargs are Twerps and no Twerps are Gollums, then no Gollums are definitely Wargs."

This statement is: TRUE - FALSE - NEITHER

30. Which one of the five is least like the other four?

HORSE - KANGAROO - ZEBRA - DEER - DONKEY

31. Which one of the five makes the best comparison?

Finger is to hand as leaf is to:

TREE - BRANCH - BLOSSOM - TWIG - BARK

32. "John's mother sent him to the store to get 9 large cans of peaches. John could only carry 2 cans at a time. How many trips to the store did John have to make?

4 - $4\frac{1}{2}$ - 5 - $\frac{1}{2}$ - 6

33. Which one of the five makes the best comparison?

Foot is to knee as hand is to:

FINGER - ELBOW - TOE - LEG - ARM

34. Mary was both 13th highest and 13th lowest in a spelling contest.

How many people were in the contest?

13 - 25 - 26 - 27 - 28

35. Which one of the five makes the best comparison?

Water is to ice as milk is to:

HONEY - CHEESE - CEREAL - COFFEE - *****

36. Which one of the numbers does not belong in the following series?

1 - 2 - 5 - 10 - 13 - 26 - 29 - 48

37. Which one of the five is least like the other four?

HAM - LIVER - SALMON - PORK - BEEF

38. "If all Fleeps are Sloops and all Sloops are Loopies, then all Fleeps are definitely Loopies."

This statement is: TRUE - FALSE - NEITHER

39. Which one of the five is least like the other four?

INCH - MILE - ACRE - YARD - FOOT

40. "A fish has a head 9? long. The tail is equal to the size of the head plus one-half the size of the body. The body is the size of the head plus the tail."

How long is the fish?

27? - 54? - 63? - 72? - 81?

The Answer Of Part 2

1. SNAKE All the others have legs; the others are mammals.
2. ANIMAL "BARBIT" = RABBIT.
3. APPLE The others are vegetables.
4. 16 John's brother is 4. In 4 years the brother will be 8, and John will be 16 or twice as old.
5. NEPHEW Brother and sister, and niece and nephew are all opposites.
6. ENVELOPE Milk goes into a glass, just as a letter goes into an envelope.
7. CEVIL is the reverse spelling of LIVE; the reverse of 5232 is 2325.
8. FALSE Example: "If some cats are animals and some animals are dogs, then some cats are definitely dogs." We cannot make this assumption definitely.
9. HOUSE A tree comes up out of the ground, just as a chimney comes up out of a house.
10. THREE The order is "minus 2, plus 1, minus 2, plus 1," etc. Three violates this order.
11. SMILE The others are senses; smile is a facial expression.
12. D Without more information it is impossible to tell. We only know that both Peter and Bill are shorter than Jack.
13. PURSE The others are all articles of clothing that are worn.
14. D Substitute numbers for letters; C = 3 and A = 1.
15. CITY "RAPIS" = PARIS.
16. CANNON A bullet is fired from a gun, and a ball is fired from a cannon. The others do not involve an explosive force.
17. FALSE Example: "If some cars are green and all leaves are green, then some cars are definitely leaves." We cannot make this assumption definitely.
18. I The order is "A, skip 2 letters, D, skip 2 letters, G," etc. I violates this order.
19. 25% Example: A \$1.00 item reduced 20% will sell for 80cent. To sell it at \$1 .00 again, you must increase the price 20%. 20cent is 25% of 80cent.
20. BRASS The others are simple metals; brass is an alloy (a combination of two metals).
21. FUNNEL The others hold liquids; liquids pass through a funnel.

22. 23-1 = 22. 1/2 of 22 = 11. 11-1 = 10. 1/2 of 10 = 5, the number of *****s Mary had left.
23. HAY The others are grains; hay is a grass.
24. EIGHT The order is “plus 1, times 2, plus 1, times 2,” etc. Eight violates this order.
25. ROCKET Elros = Danger, Aldarion = Explosion, therefore Elendil must mean Rocket.
26. LACE You buckle a belt, just as you lace your shoes.
27. DIMES 3 dimes, 2 nickles, and 1 penny is the only possible solution.
28. COUNTRY “MANGERY” = GERMANY.
29. TRUE Example: “If all dogs are animals and no animals are plants, then no plants are definitely dogs.” We can definitely make this assumption.
30. KANGAROO The others walk on 4 legs.
31. TWIG Finger is an appendage of the hand, just as a leaf is an appendage of a twig.
32. 59 divided by 2 = 41/2, but it takes 5 trips even though John will only get one can on one of the trips.
33. ELBOW Foot is attached to leg and knee is a joint in the leg. Hand is attached to arm and elbow is a joint in the arm.
34. 25 There are 12 students lower and 12 students higher, plus Mary is 25.
35. CHEESE Water changes into ice, and milk changes into cheese.
36. 48 The order is “times 2, plus 3, times 2, plus 3,” etc. 48 violates the order.
37. SALMON The others are meats; salmon is a fish.
38. TRUE Example: “if all dogs are mammals and all mammals are animals, then all dogs are definitely animals.” We can definitely make this assumption.
39. ACRE Acre measures area; the others measure distance.
40. 72? The head is 9?. the Tail is 18? + 9? = 27?. The body is 9? + 18? + 9? = 36?. 91, + 27? + 36? = 72? -This maybe solved algebraically as well

The Answer Of Part 1

1	TRUE	46	B	91	54
2	FALUSE	47	T	92	18
3	FALUSE	48	C	93	B
4	FALUSE	49	D	94	Lost \$50.00
5	TRUE	50	F	95	B
6	TRUE	51	D	96	B
7	TRUE	52	A	97	HIDE or LIMB
8	FALUSE	53	B	98	C
9	TRUE	54	B	99	\$3.00
10	TRUE	55	D	100	RUTH
11	FALUSE	56	E	101	B
12	TRUE	57	C	102	E
13	TRUE	58	D	103	D
14	TRUE	59	E	104	C
15	TRUE	60	C	105	B
16	FALUSE	61	A	106	B
17	FALUSE	62	E	107	E
18	FALUSE	63	C	108	E
19	TRUE	64	E	109	C
20	FALUSE	65	E	110	E
21	TRUE	66	D	111	C
22	TRUE	67	C	112	F
23	FALUSE	68	B	113	D
24	FALUSE	69	T	114	E
25	FALUSE	70	B	115	G
26	FALUSE	71	C	116	D
27	TRUE	72	C	117	B
28	FALUSE	73	E	118	D
29	FALUSE	74	B	119	D
30	D	75	B	120	D
31	B	76	E	121	D
32	D	77	B	122	B
33	B	78	A	123	C
34	E	79	E	124	F
35	A	80	D	125	B
36	C	81	B	126	B
37	B	82	A	127	D
38	B	83	4	128	C
39	F	84	E	129	C
40	C	85	AUTOMBILE	130	E
41	E	86	D	131	D
42	B	87	H-P-O	132	C
43	D	88	C	133	B
44	D	89	44 and 66	134	C
45	A	90	T	135	B

136	D	271	F	271	A
137	B	272	T	272	F
138	D	273	F	273	D
139	D	274	T	274	C
140	C	275	T	275	E
141	D	276	T	276	D
142	B	277	F	277	F
143	E	278	T	278	E
144	TRUE	279	T	279	B
145	B	280	T	280	A
146	D	281	F	281	C
147	D	282	F	282	B
148	C	283	F	283	A
149	E	284	F	284	C
150	B	285	T	285	E
151	D	286	F	286	B
152	B	287	F	287	D
153	B	288	F	288	C
154	G	289	T	289	B
155	C	290	34	290	E
156	TRUE	291	44	291	D
157	E	292	58	292	E
158	C	293	1	293	C
159	C	294	2160	294	T
160	D	295	18	295	B
161	F	296	M	296	E
162	TRUE	297	U	297	A
163	FALUSE	298	Q	298	C
164	T	299	P	299	B
165	T	300	T or W or B	300	B
166	T	301	L	301	E
167	T	302	DEN HAAG	302	C
168	T	303	WHALE	303	C
169	F	304	DEFO	304	C
170	T	305	C	305	D
171	T	306	C	306	E
172	T	307	B	307	E
173	T	308	C	308	C
174	T	309	B	309	A
175	T	310	C	310	E
176	F	311	T	311	B
177	F	312	C	312	B
178	T	313	B	313	C
179	T	314	A	314	---
180	T	315	A	315	D

271	C	316	D	361	T
272	B	317	C	362	T
273	C	318	C	363	F
274	C	319	C	364	F
275	E	320	T	365	T
276	D	321	A	366	T
277	SATURDAY	322	E	367	T
278	FRIDAY	323	B	368	T
279	LAMP (B)	324	E	369	F
280	No solution (Oliver and Otto are equally small) .	325	C	370	B
281	6	326	A	371	B
282	38	327	A	372	C
283	0	328	D	373	E
284	C	329	C	374	D
285	B	330	F	375	A
286	D	331	D	376	D
287	A	332	D	377	B
288	D	333	B	378	E
289	D	334	E	379	B
290	D	335	E	380	C
291	E	336	A	381	E
292	A	337	D	382	E
293	E	338	C	383	B
294	E	339	F	384	D
295	E	340	T	385	A
296	D	341	T	386	B
297	D	342	F	387	A
298	D	343	T	388	A
299	D	344	F	389	D
300	E	345	F	390	C
301	B	346	F	391	C
302	B	347	T	392	B
303	A	348	F	393	A
304	A	349	T	394	D
305	B	350	T	395	A
306	A	351	T	396	E
307	D	352	T	397	C
308	A	353	T	398	D
309	A	354	F	399	B
310	B	355	F	400	A
311	C	356	T		
312	D	357	F		
313	B	358	T		
314	D	359	F		
315	A	360	T		